

10/518,716

(FILE 'HOME' ENTERED AT 12:21:00 ON 18 SEP 2006)

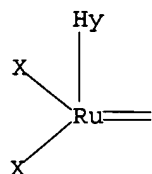
FILE 'REGISTRY' ENTERED AT 12:21:15 ON 18 SEP 2006

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 full

FULL SEARCH INITIATED 12:21:45 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 115083 TO ITERATE

100.0% PROCESSED 115083 ITERATIONS

97 ANSWERS

SEARCH TIME: 00.00.01

L2 97 SEA SSS FUL L1

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

166.94

167.15

FILE 'CAPLUS' ENTERED AT 12:21:51 ON 18 SEP 2006

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FILE LAST UPDATED: 17 Sep 2006 (20060917/ED)

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=> s l2

L3 86 L2

=> s l3 and phosphabicycloalkane

4 PHOSPHABICYCLOALKANE

L4 0 L3 AND PHOSPHABICYCLOALKANE

=> s l3 and phosphorus ligand

302614 PHOSPHORUS

306385 LIGAND

476 PHOSPHORUS LIGAND

(PHOSPHORUS(W)LIGAND)

L5 1 L3 AND PHOSPHORUS LIGAND

=> d bib abs

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2004:41419 CAPLUS

DN 140:94144

TI Phosphorus containing ligands for metathesis catalysts

IN Dwyer, Catherine Lynn; McConnell, Ann Elizabeth Catherine; Forman, Grant Stephen

PA Sasol Technology (Pty.) Limited, S. Afr.

SO PCT Int. Appl., 48 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | WO 2004005223 | A1 | 20040115 | WO 2003-ZA87 | 20030704 |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| | CA 2490144 | AA | 20040115 | CA 2003-2490144 | 20030704 |
| | AU 2003249331 | A1 | 20040123 | AU 2003-249331 | 20030704 |
| | EP 1519904 | A1 | 20050406 | EP 2003-763497 | 20030704 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| | ZA 2004009090 | A | 20051128 | ZA 2004-9090 | 20041110 |
| | US 2005283026 | A1 | 20051222 | US 2005-518716 | 20050801 |
| PRAI | ZA 2002-5387 | A | 20020705 | | |
| | WO 2003-ZA87 | W | 20030704 | | |

OS CASREACT 140:94144; MARPAT 140:94144

AB The use of phosphorus containing ligand as ligand for metathesis catalyst in catalyzed metathesis reaction wherein the phosphorus containing ligand is heterocyclic organic compound with ligating phosphorus atom as an atom in the heterocyclic ring structure of the heterocyclic organic compound is described. The invention also relates to metathesis catalyst such a phosphorus containing ligand and to metathesis reaction using the catalyst. Thus, cyclohexyl substituted 9-phosphabicyclo[3.3.1]nonane (cyclohexyl phoban = L) was prepared starting from 1,5-cyclooctadiene and cyclohexylphosphine which was used as ligand in preparation of title metathesis catalyst, (L2)(Cl2)Ru:CHCH:CMe2 (crystal structure).

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/518,716

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|-----------------|---------------------------------|------------------|---------|------------------|
| L1 | 325 | (556/22).CCLS. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2006/09/18 12:39 |
| L2 | 280 | (556/23).CCLS. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2006/09/18 12:52 |
| L3 | 1394 | (502/155).CCLS. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2006/09/18 13:05 |
| L4 | 523 | (526/171).CCLS. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2006/09/18 13:10 |
| L5 | 661 | (548/101).CCLS. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2006/09/18 13:34 |
| L6 | 332 | (585/511).CCLS. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2006/09/18 13:37 |
| L7 | 207 | (585/514).CCLS. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2006/09/18 13:42 |
| L8 | 200 | (585/523).CCLS. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2006/09/18 13:42 |